

Claims

1. A resilient compound for use in forming a seal characterised in that the sealing compound includes a detectable material dispersed therethrough.
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2. A resilient compound as claimed in claim 1 wherein the detectable material is of a type, which can be detected by x-rays, metal detection or other detection means.
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3. A resilient compound as claimed in claim 1 or 2 wherein the detectable material is uniformly dispersed through the compound.
4. A resilient compound as claimed in any one of claims 1 to 3 wherein the detectable material is barium sulphate.
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5. A resilient compound as claimed in claim 4 wherein the barium sulphate is added at the compounding stage of the resilient compound.
- 20 6. A resilient compound as claimed in claim 4 or 5 wherein the barium sulphate constitutes about 5% by volume.
7. A resilient compound as claimed in any one of claims 1 to 6 wherein the sealing compound is principally a natural or synthetic rubber or a thermoplastic material.
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8. A resilient compound as claimed in claim 7 wherein the thermoplastic material is a modified polybutyleneterephthate.
9. A sealing device made in whole or in part from a resilient compound,
5 which includes a detectable material, dispersed therethrough.
10. A sealing device as claimed in claim 9 wherein the detectable material is of a type, which can be detected by x-rays, metal detection or other detection means.
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11. A sealing device as claimed in claim 9 or 10 wherein the detectable material is uniformly dispersed through the compound.
12. A sealing device as claimed in any one of claims 9 to 12 wherein the
15 detectable material is a barium sulphate.
13. A sealing device as claimed in claim 12 wherein the barium sulphate is added at the compounding stage.
- 20 14. A sealing device as claimed in claim 12 or 13 wherein the barium sulphate constitutes 5% by volume of the resilient compound.
15. A sealing device as claimed in any one of claims 9 to 14 wherein the resilient compound is principally a natural or synthetic rubber or a
25 thermoplastic material.

16. A sealing device as claimed in claim 15 wherein the thermoplastic material is a modified polybutyleneterephthate.
17. A sealing device as claimed in any one of claims 9 to 16 when in the
5 form of a dynamic or static "O" ring, sheet gasket, sanitary O ring, butterfly valve seat, lip seal or sanitary valve seat.
18. A resilient compound as claimed in claim 1 substantially as herein described.
- 10 19. A sealing device as claimed in claim 9 substantially as herein described.